

ABSTRACT

An antenna according to this invention comprises a ground pattern; and a planar element that has a feed point and whose edge portion opposite to the ground pattern has a trimmed portion that makes a distance with the ground pattern vary and is composed of at least either one of a curved line and line segments which are connected while their inclinations are changed stepwise, and the ground pattern is juxtaposed with the planar element without fully surrounding the edge portion of the planar element. Since it is possible to appropriately adjust the coupling degree between the ground pattern and the planar element by juxtaposing the ground pattern with the planar element and providing the aforementioned trimmed portion, the wide bandwidth is achieved. In addition, by disposing the ground pattern and the planar element in the aforementioned positional relationship, the entire antenna can also be miniaturized.